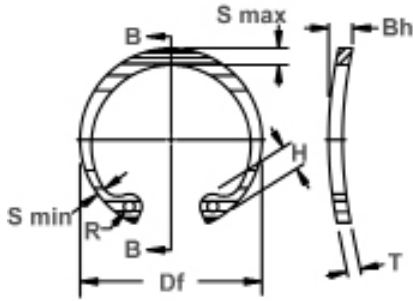




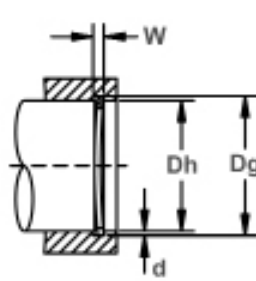
BHO 开孔用偏心型扣环

开孔用弯曲C型扣环

此扣环装载在开孔上，具有能够填补组件累积公差特征。一旦安装入孔内沟槽中，弯曲扣环可以对指定范围内的零件施加力度或预加负荷。



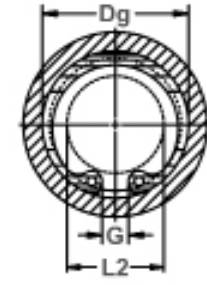
自由直径&扣环尺寸
B-B 横断面图



开孔直径&沟槽
尺寸



直径间隙
(在插入开孔时)



直径间隙&安装在沟槽
中间隙的直径

扣环 编号	开孔直径			沟槽尺寸					扣环尺寸和重量						间隙直径		承受推力 (lbs.) 无受面角部		
				沟槽直径		沟槽宽度	深度	自由直径		板幅***		弯曲高度	重量 (1000件)	插入 开孔中	插入 沟槽中	扣环 安全率 (=4)	沟槽 安全率 (=2)		
	Dh DEC	Dh FRACT	Dh mm	Dg	公差	W	公差	d	Df	公差	T	公差	Bh	公差	lbs.	L1	L2	Pr	Pg
BHO-25	.250	1/4	6.4	.268	±.001	.030	+.002	.009	.280		.015		.036		.08	.115	.133	426	190
BHO-31	.312	5/16	7.9	.330	.0015*	.030	-.000	.009	.346		.015		.036		.11	.173	.191	538	240
BHO-37	.375	3/8	9.5	.397		.040		.011	.415		.025		.047		.25	.204	.226	1066	350
BHO-43	.438	7/16	11.1	.461	±.002	.040		.012	.482	±.010	.025		.047	±.006	.37	.23	.254	1238	440
BHO-45	.453	29/64	11.5	.477	.002*	.040		.012	.498		.025		.047		.43	.25	.274	1299	460
BHO-50	.500	1/2	12.7	.530		.055		.015	.548		.035		.063		.70	.26	.29	2010	510
BHO-51	.512	-	13.0	.542	±.002	.055	+.003	.015	.560		.035		.063	±.007	.77	.27	.30	2060	520
BHO-56	.562	9/16	14.3	.596	.004*	.055	-.000	.017	.620		.035		.063		.86	.275	.305	2253	710
BHO-62	.625	5/8	15.9	.665		.055		.020	.694		.035		.063		1.0	.34	.38	2507	1050
BHO-68	.688	11/16	17.5	.732		.055		.022	.763		.035		.063		1.2	.40	.44	2741	1280
BHO-75	.750	3/4	19.0	.796		.055		.023	.831		.035		.063		1.3	.45	.49	3045	1460
BHO-77	.777	-	19.7	.825		.062		.024	.859		.042		.073		1.7	.475	.52	4618	1580
BHO-81	.812	13/16	20.6	.862		.062		.025	.901		.042		.073		1.9	.49	.54	4872	1710
BHO-86	.866	-	22.0	.920		.062		.027	.961		.042		.073		2.0	.54	.59	5177	1980
BHO-87	.875	7/8	22.2	.931		.062		.028	.971		.042		.073		2.1	.545	.60	5227	2080
BHO-90	.901	-	22.9	.959	±.003	.062		.029	1.000	±.015	.042	±.002	.073	±.008	2.2	.565	.62	5430	2200
BHO-93	.938	15/16	23.8	1.000	.004*	.062		.031	1.041		.042		.073		2.4	.61	.67	5684	2450
BHO-100	1.000	1	25.4	1.066		.062		.033	1.111		.042		.073		2.7	.665	.73	6039	2800
BHO-102	1.023	-	26.0	1.091		.062		.034	1.136		.042		.073		2.8	.69	.755	6141	3000
BHO-106	1.062	1-1/16	27.0	1.130		.070		.034	1.180		.050		.085		3.7	.685	.75	7562	3050
BHO-112	1.125	1-1/8	28.6	1.197		.070		.036	1.249		.050		.085		4.0	.745	.815	8019	3400
BHO-118	1.181	-	30.0	1.255		.070		.037	1.319		.050		.085		4.3	.79	.86	8526	3700
BHO-118	1.188	1-3/16	30.2	1.262		.070		.037	1.319		.050		.085		4.3	.80	.87	8526	3700
BHO-125	1.250	1-1/4	31.7	1.330	±.004	.070		.040	1.388	±.025	.050		.085	±.012	4.8	.875	.955	8932	4250
BHO-125	1.259	-	32.0	1.339	.005*	.070		.040	1.388		.050		.085		4.8	.885	.965	8932	4250
BHO-131	1.312	1-5/16	33.3	1.396		.070		.042	1.456		.050		.085		5.0	.93	1.01	9440	4700
BHO-137	1.375	1-3/8	34.9	1.461		.070		.043	1.526		.050		.085		5.1	.99	1.07	9846	5050
BHO-137	1.378	-	35.0	1.464		.070		.043	1.526		.050		.085		5.1	.99	1.07	9846	5050
BHO-143	1.438	1-7/16	36.5	1.528		.070		.045	1.596		.050		.085		5.8	1.06	1.15	10353	5500
BHO-145	1.456	-	37.0	1.548		.070		.046	1.616		.050		.085		6.4	1.08	1.17	10455	5700
BHO-150	1.500	1-1/2	38.1	1.594		.070		.047	1.660		.050		.085		6.5	1.12	1.21	10708	6000
BHO-156	1.562	1-9/16	39.7	1.658		.100		.048	1.734		.062		.115		8.9	1.14	1.23	13906	6350
BHO-156	1.575	-	40.0	1.671	±.005	.100	+.005	.048	1.734	+.035	.062	±.003	.115	±.015	8.9	1.15	1.24	13906	6350
BHO-162	1.625	1-5/8	41.3	1.725	.005*	.100	-.000	.050	1.804	-.025	.062		.115		10.0	1.15	1.25	14413	6900
BHO-175	1.750	1-3/4	44.4	1.858		.100		.054	1.942		.062		.115		10.3	1.26	1.36	15580	8050

单位: inch

* F.I.M. (指示器读数最大值): 沟槽直径一轴直径中心部允许存在最大偏差

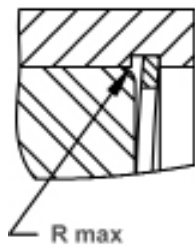
i 以开孔/轴的冷延钢板为基准使用。关于为计算出负载推力，其他性能数据而使用的公式说明
如果需要，请联系我们。

*** 对于扣环需要实施电镀工艺，需要在板厚(T)基础上增加0.002inch。

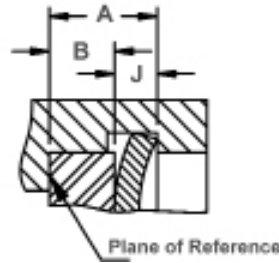
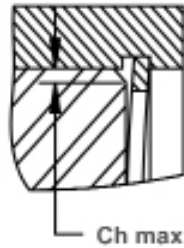
硬度范围: 不锈钢制扣环 (PH 15-7Mo)

扣环型号	尺寸范围	规格	洛氏硬度
BHO	25 & 31	15N	82.5 ~ 86
	37 ~ 102	30N	63 ~ 69.5
	106 以上	C	44 ~ 51

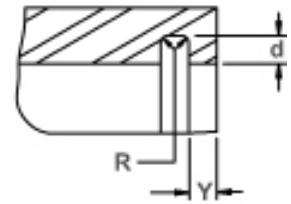




允许受面角度



外槽位置
A 最大 = B 最小 + J 最大
A 最小 = B 最大 + J 最小



沟槽扩展尺寸 & 边缘尺寸(Y)
最大底部半径 (R)
BHO-25 ~ BHO-100 = 0.005
BHO-102 ~ = 0.010

扣环编号	承重支持面的沟壁到达固定部位的距离		公差 A & B 的卷取量	将扣环平整化所需负重力	允许受面角度		R最大 Ch最大时的最大承重 (lbs)	边缘尺寸	凸出部高	最大板幅		最小板幅		安装孔直径		插入沟槽时缺口直径	
	J最小	J最大			J最大-J最小	lbs.				R最大	Ch最大	P'r	Y	H	公差		s最大
BHO-25	.020	.028	.008	20	.011	.0085	190	.027	.065	±.003	.025	±.002	.015	±.002	.031	.047	
BHO-31	.020	.028		20	.016	.013	190	.027	.066		.033	.018	.031	.055			
BHO-37	.030	.038		45	.023	.018	530	.033	.082		.040	.028	.041	.063			
BHO-43	.030	.038		40	.027	.021	530	.036	.098		.049	.029	.041	.063			
BHO-45	.030	.038	40	.027	.021	530	.036	.098	.050	.030	.047	.071					
BHO-50	.042	.053	.011	120	.027	.021	1100	.045	.114	±.005	.053	.035	.047	.090			
BHO-51	.042	.053		115	.027	.021	1100	.045	.114		.053	.035	.047	.092			
BHO-56	.042	.053		100	.027	.021	1100	.051	.132		.053	.035	.047	.095			
BHO-62	.042	.053		85	.027	.021	1100	.060	.132		.060	±.004	.035	±.004	.062	+.010	.104
BHO-68	.042	.053		65	.027	.021	1100	.066	.132		.063	.036	.062	-.002	.118		
BHO-75	.042	.053		45	.032	.025	1100	.069	.142		.070	.040	.062	.143			
BHO-77	.049	.060		80	.035	.028	1650	.072	.146		.074	.044	.062	.145			
BHO-81	.049	.060		75	.035	.028	1650	.075	.155		.077	.044	.062	.153			
BHO-86	.049	.060		70	.035	.028	1650	.081	.155		.081	.045	.062	.172			
BHO-87	.049	.060		70	.035	.028	1650	.084	.155		.084	.045	.062	.179			
BHO-90	.049	.060	65	.038	.030	1650	.087	.155	.087	±.005	.047	±.005	.062	.188			
BHO-93	.049	.060	60	.038	.030	1650	.093	.155	.091	.050	.062	.200					
BHO-100	.049	.060	55	.042	.034	1650	.099	.155	.104	.052	.062	.212					
BHO-102	.049	.060	50	.042	.034	1650	.102	.155	.106	.054	.062	.220					
BHO-106	.057	.068	.020	70	.044	.035	2400	.102	.180	±.005	.110	.055	.078	.213			
BHO-112	.057	.068		65	.047	.036	2400	.108	.180		.116	.057	.078	.232			
BHO-118	.057	.068		60	.047	.036	2400	.111	.180		.120	.058	.078	.226			
BHO-118	.057	.068		60	.047	.036	2400	.111	.180		.120	.058	.078	.245			
BHO-125	.057	.068		55	.048	.038	2400	.120	.180		.124	.062	.078	.265			
BHO-125	.057	.068		55	.048	.038	2400	.120	.180		.124	.062	.078	.290			
BHO-131	.057	.068		50	.048	.038	2400	.126	.180		.130	±.006	.062	±.006	.078	+.015	.284
BHO-137	.057	.068		45	.048	.038	2400	.129	.180		.130	.063	.078	-.002	.297		
BHO-137	.057	.068		45	.048	.038	2400	.129	.180		.130	.063	.078	.305			
BHO-143	.057	.068		40	.048	.038	2400	.135	.180		.133	.065	.078	.313			
BHO-145	.057	.068	35	.048	.038	2400	.138	.180	.133	.065	.078	.320					
BHO-150	.057	.068	35	.048	.038	2400	.141	.180	.133	.066	.078	.340					
BHO-156	.075	.095	.020	40	.064	.050	3900	.144	.202	±.007	.157	.078	.078	.338			
BHO-156	.075	.095		40	.064	.050	3900	.144	.202		.157	.078	.078	.374			
BHO-162	.075	.095		40	.064	.050	3900	.150	.227		.164	.082	.078	.339			
BHO-175	.075	.095		35	.064	.050	3900	.162	.234		.171	.083	.078	.372			

单位: inch

如果需要其他尺寸, 请联系我们。

硬度范围: 碳素弹簧钢制扣环 (SAE 1060-1090)

扣环型号	尺寸范围	规格	洛氏硬度
BHO	25 ~ 31	15N	86 ~ 88
	37 ~ 51	30N	69.5 ~ 73
	56 ~ 77	30N	67.5 ~ 72
	81 ~ 102	30N	66 ~ 71
	106 以上	C	47 ~ 52

硬度范围: 铍铜合金制造扣环

扣环型号	尺寸范围	规格	洛氏硬度
BSH	18 ~ 23	15N	77 ~ 82*
	25 ~ 102	30N	54 ~ 62
	106 以上	C	34 ~ 43

*无法确认相同尺寸的扣环硬度精度。

